

KANSAS CORPORATION COMMISSION
MULTIPOINT BACK PRESSURE TEST

FORM G-1
8-7-58

TYPE TEST: <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		TEST DATE: 6-23-03			
COMPANY Strata Exploration		LEASE Stoops Weber		WELL NO. 2	
COUNTY Haskell	LOCATION 1800FSL 1800FWL	SECTION 21 29s 32w	TWP 32w	RNG	ACRES 320
FIELD Lockport	RESERVOIR St Louis"B"	PIPELINE CONNECTION Oneok			
COMPLETION DATE 3-31-03	PLUG BACK DEPTH TOTAL DEPTH	5580 5580		PACKER SET AT 5463	
CASING SIZE 5.500	WT. 15.500	ID 4.950	SET AT 5630	PERF. 5504	TO 5516
TUBING SIZE 2.380	WT. 6.500	ID 2.400	SET AT 5503	PERF.	TO
TYPE COMPLETION (Describe) Perf & Acidize		TYPE FLUID PRODUCTION Condensate/Water			
PRODUCING THRU (Annulus/Tubing) tubing		RESERVOIR TEMPERATURE F 148		BAR PRESS - Pa 14.4 psia	
GAS GRAVITY - Gg .998	% CARBON DIOXIDE .093	% NITROGEN 12.095		API GRAVITY OF LIQUID	
VERTICAL DEPTH (H) 5510		TYPE METER CONN. flange		METER RUN SIZE 2	
REMARKS					

OBSERVED SURFACE DATA

RATE NO.	ORIFICE SIZE in.	(METER) PRESSURE psig	DIFF. (h _w) (h _t)	FLOWING TEMP. t.	WELLHEAD TEMP. t.	CASING WELLHEAD PRESS.		TUBING WELLHEAD PRESS.		DURATION HOURS	LIQUID PROD. Bbls.
						psig	(P _w) (P _t) (P _c) psia	psig	(P _w) (P _t) (P _c) psia		
SHUT-IN								1278	1292	72.00	
1.	1.375	38.40	19.40	74				1238	1252	1.00	
2.	1.375	39.90	39.00	75				1187	1201	1.00	
3.	1.375	41.70	98.70	71				1090	1104	1.00	
4.	1.375	45.20	124.60	72				1034	1048	1.00	

FLOW STREAM ATTRIBUTES

RATE NO.	COEFFICIENT (F _b) Mcfd	(METER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR Fg	FLOWING TEMP FACTOR Ft	DEVIATION FACTOR Fpv	RATE OF FLOW Q Mcfd	GOR	G _m
1.	10.460	52.8	32.01	1.0010	.9868	1.0092	333		.998
2.	10.460	54.3	46.02	1.0010	.9859	1.0094	479		.998
3.	10.460	56.1	74.41	1.0010	.9896	1.0099	778		.998
4.	10.460	59.6	86.18	1.0010	.9887	1.0105	901		.998

PRESSURE CALCULATION

RATE NO.	Pt psia	Pc psia	Pw psia	(Pc) ² Thousands	(Pw) ² Thousands	PLOTING POINTS		% SHUT-IN 100 $\left[\frac{P_w - P_a}{P_c - P_a} \right]$
						(Pc) ² - (Pw) ² Thousands	Q Mcfd	
1.	1252.4	1292.4	1252.7	1670.3	1569.4	100.9	333.7	96.9
2.	1201.4	1292.4	1202.1	1670.3	1445.1	225.2	479.5	92.9
3.	1104.4	1292.4	1106.3	1670.3	1223.9	446.4	778.7	85.4
4.	1048.4	1292.4	1051.1	1670.3	1104.8	565.5	901.4	81.1

INDICATED WELLHEAD OPEN FLOW 1920 Mcfd @ 14.65 psia "n" = .692

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated herein and that said report is true and correct. Executed this the _____ day of _____, 20 _____

Witness (if any)

For Company

For Commission

Checked by

Strata Exploration
 22-29s-32w Haskell co KS

Start Test Date: 2003/06/23
 Final Test Date: 2003/06/24

Stoops-Weber #2

FieldNotes

Field Measurements

Date	Clock Time	Comments	Tubing		Diff1		Meter1		Static1		Orifice1		Gas1	Cum.
			Pres	psi(g)	Pres	in of H2O	Temp	°F	Pres	psi(g)	in	MMCF/D	MMCF	
1	2003/06/23	09:30:00	Shutin											
2		09:30:00		1278.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
3		09:45:00		1238.00	1.09	73.00	37.90	1.375	0.080	0.080	0.001	0.001	0.001	0.001
4		10:00:00		1245.00	1.28	77.50	36.60		0.085	0.085	0.002	0.002	0.002	0.002
5		10:15:00		1250.00	11.30	74.30	37.50		0.254	0.254	0.003	0.003	0.003	0.003
6		10:30:00	1st point											
7		10:30:00		1238.00	19.40	73.60	38.40		0.336	0.336	0.007	0.007	0.007	0.007
8		10:45:00		1220.00	38.70	73.30	38.50		0.476	0.476	0.011	0.011	0.011	0.011
9		11:00:00		1208.00	37.60	75.00	38.70		0.469	0.469	0.016	0.016	0.016	0.016
10		11:15:00		1199.00	34.10	75.30	39.20		0.449	0.449	0.020	0.020	0.020	0.020
11		11:30:00	2nd point											
12		11:30:00		1187.00	39.00	75.20	39.90		0.483	0.483	0.025	0.025	0.025	0.025
13		11:45:00		1161.00	39.30	74.60	39.90		0.485	0.485	0.030	0.030	0.030	0.030
14		12:00:00		1140.00	73.80	74.00	40.20		0.669	0.669	0.036	0.036	0.036	0.036
15		12:15:00		1113.00	89.80	72.20	40.80		0.745	0.745	0.044	0.044	0.044	0.044
16		12:30:00	3rd point											
17		12:30:00		1090.00	98.70	71.30	41.20		0.785	0.785	0.052	0.052	0.052	0.052
18		12:45:00		1052.00	112.40	70.50	42.70		0.851	0.851	0.060	0.060	0.060	0.060
19		13:00:00		1045.00	114.80	71.80	43.30		0.864	0.864	0.069	0.069	0.069	0.069
20		13:15:00		1042.00	121.20	72.10	44.50		0.897	0.897	0.078	0.078	0.078	0.078
21		13:30:00	4th point											
22		13:30:00		1034.00	124.60	72.40	45.20		0.915	0.915	0.088	0.088	0.088	0.088
23	2003/06/24	09:15:00	1 point											
24		09:15:00		1096.00	31.60	76.30	36.00		0.418	0.418	0.636	0.636	0.636	0.636

2003/06/23 09:30:00 To 2003/06/24 09:15:00
 Gas 0.088 Cum. 0.088 MMCF



Strata Exploration
 22-29s-32w Haskell co KS
 Start Test Date: 2003/06/23
 Final Test Date: 2003/06/24

Stoops-Weber #2

FieldNotes

Field Measurements

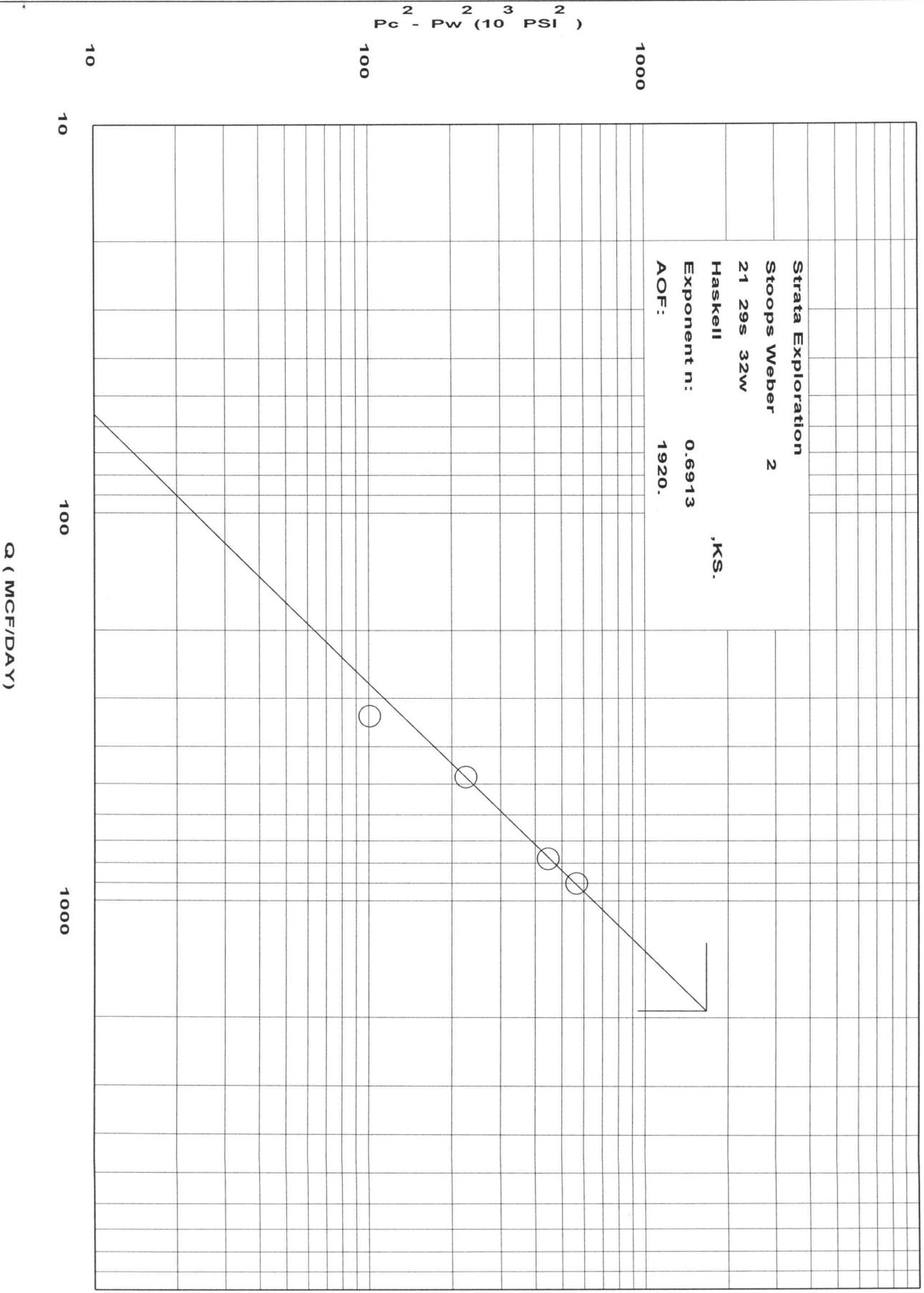
	Date	Clock Time	Comments	Tubing Pres	Diff1 Pres	Meter1 Temp	Static1 Pres	Orifice1	Gas1 Rate
	yyyy/mm/dd	hh:mm:ss		psi(g)	in of H2O	°F	psi(g)	in	MMCF/D
1	2003/06/23	09:30:00	Shutin	1278.00	0.00	0.00	0.00	0.000	0.000
2		09:30:00		1238.00	1.09	73.00	37.90	1.375	0.080
3		09:45:00		1245.00	1.28	77.50	36.60		0.085
4		10:00:00		1250.00	11.30	74.30	37.50		0.254
5		10:15:00							
6		10:30:00	1st point						
7		10:30:00		1238.00	19.40	73.60	38.40		0.336
8		10:45:00		1220.00	38.70	73.30	38.50		0.476
9		11:00:00		1208.00	37.60	75.00	38.70		0.469
10		11:15:00		1199.00	34.10	75.30	39.20		0.449
11		11:30:00	2nd point						
12		11:30:00		1187.00	39.00	75.20	39.90		0.483
13		11:45:00		1161.00	39.30	74.60	39.90		0.485
14		12:00:00		1140.00	73.80	74.00	40.20		0.669
15		12:15:00		1113.00	89.80	72.20	40.80		0.745
16		12:30:00	3rd point						
17		12:30:00		1090.00	98.70	71.30	41.20		0.785
18		12:45:00		1052.00	112.40	70.50	42.70		0.851
19		13:00:00		1045.00	114.80	71.80	43.30		0.864
20		13:15:00		1042.00	121.20	72.10	44.50		0.897
21		13:30:00	4th point						
22		13:30:00		1034.00	124.60	72.40	45.20		0.915
23	2003/06/24	09:15:00	1 point						
24		09:15:00		1096.00	31.60	76.30	36.00		0.418

2003/06/23 09:30:00 To 2003/06/24 09:15:00
 Gas 0.088 Cum. 0.088 MMCF

GAS WELL BACK PRESSURE CURVE

WELL TESTER: Trilobite Testing
 TEST DATE: 6-23-03

Strata Exploration
 Stoops Weber 2
 21 29s 32w
 Haskell
 Exponent n: 0.6913
 AOF: 1920.
 ,KS.



Company: **SIRATA**

Address:

Wellname: **Stoops Weber #2**

Legal: Sec: **22** Twp: **29S** Rge: **32W**

Formation: Field/Pool: County: **HASKELL** St: **K5**

Casing size: Feet of: Wt: Meter run size: SI: **1278**

Tubing Size: Feet of: Wt: Orif (in): **1.375** 95% **1214.1**

TD: Plugged back depth: Packer depth: 90% **1150.2**

Type Test: **4 pnt** Tap Type: Gravity: 85% **1086.3**

Type Completion: Producing through: **Subing** 80% **1022.4**

Date	Clk Tim	Tbg Pres	Csg Pres	Diff	Temp	Static/Prover	Wat Vol1	Oil Vol	Comment
mm/dd	clock	psi	psi	in of H2O	F	PSI	inch	inch	
6-23	9:30	1278		0.184	83.3		2'3.5"		
	9:45	1238		1.09	73.0	37.9			
	10:00			1.28	77.5	36.6			
	10:15	1250		11.3	74.3				
1 st 12-14	10:30	1238		19.4	73.6	38.4			
	10:45	1220		38.7	73.3				
	10:00	1208		37.6	75.0	38.7			
	11:15	1199		34.1	75.3	39.2			
2 nd 11-50	11:30	1187		39.0	75.2				
	11:45	1161		69.3	74.6	39.9			
	12:00	1140		73.8	74.0				
	12:15	1113		89.8	72.2	40.8			
3 rd 1086	12:30	1090		98.7	71.3				
	12:45	1052		112.4	70.5	42.7			
	13:00	1045		114.8	71.8				
	13:15	1042		121.2	72.1				
4 th 1022	13:30	1034		124.6	72.4	45.2			
6-24	9:15	1096		31.6	76.3	36.0	3'2"		

Date	Miles	Name	Date	Miles	Name	Date	Miles	Name
6-23	40	BW						
6-24	40	BW						